

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference BP106210	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/FI 03/00243	International filing date (day/month/year) 28 March 2003	(Earliest) Priority Date (day/month/year) 28 March 2002
Applicant Nokia Corporation et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (See Box II).

4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

CORRECTED

## INTERNATIONAL SEARCH REPORT

International application No.

PCT 2003/000243

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04M 1/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04M, H04Q, G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0065803 A1 (DELALAT HAMID), 2 November 2000 (02.11.2000), page 1, line 8 - line 16; page 2, line 16 - page 3, line 21; page 6, line 28 - line 30, page 7, line 5 - page 7, line 19; page 10, line 16 - page 10, line 22; figure 1; claims 1,3,7-10,15; abstract	1-11,13-17, 19-21
Y	--	12,18,22
Y	US 5880732 A (SVEN TRYDING), 9 March 1999 (09.03.1999), column 1, line 39 - line 54, figure 1, claims 1,5-7,9, abstract	12
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☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

8 March 2004

Date of mailing of the international search report

10-03-2004

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Swedish Patent Office

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT 2003/000243

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 1271903 A1 (INVENTEC APPLIANCES CORP.), 2 January 2003 (02.01.2003), column 2, line 31 - line 38; column 3, line 21 - column 4, line 6; column 5, line 3 - line 6, column 5, line 31 - column 5, line 35; figure 1; claims 1-8; abstract --	1-4,8-11,13, 15-17,22
A	US 6233002 B1 (HIROAKI SHIBAYAMA), 15 May 2001 (15.05.2001), claims 1-14, abstract --	1-22
Y	DE 10032377 A1 (SCHWARZKOPF, P), 17 January 2002 (17.01.2002), column 1, line 1 - column 2, line 18, claims 1,5 --	22
Y	DE 19908256 A1 (HANSEN, G), 31 August 2000 (31.08.2000), column 1, line 24 - line 64, claims 1-5,13 --	22
Y	WO 9913629 A1 (WESBY, P B ET AL), 18 March 1999 (18.03.1999), figure 4, claims 12,21 -- -----	18

# INTERNATIONAL SEARCH REPORT

Information on patent family members

27/02/2004

International application No.

PCT 2003/000243

WO	0065803	A1	02/11/2000	AU	4635500 A	10/11/2000
				EP	1115816 A	18/07/2001
				SE	9901520 D	00/00/0000
				SE	9904102 A	27/10/2000
				US	6432890 B	13/08/2002

US	5880732	A	09/03/1999	AU	754045 B	31/10/2002
				AU	7354998 A	24/11/1998
				BR	9809009 A	08/08/2000
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				EE	9900483 A	15/06/2000
				EP	0979570 A	16/02/2000
				JP	2001522559 T	13/11/2001
				WO	9849815 A	05/11/1998

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				HK	1017470 A	00/00/0000
				JP	3062135 B	10/07/2000
				JP	11098590 A	09/04/1999

DE	10032377	A1	17/01/2002	NONE
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DE	19908256	A1	31/08/2000	NONE
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WO	9913629	A1	18/03/1999	AU	9083598 A	29/03/1999
				EP	1013055 A	28/06/2000
				FI	973637 D	00/00/0000